

ABSTRACT

A carbon heating apparatus using a graphite felt and manufacturing method thereof is comprised of: in a carbon heater used in equipment for heating a room or applying heat, and
5 so on by an electrical heating characteristic of a carbon fiber, wherein the electrical heating characteristic is produced by sealing the carbon heater, formed by cutting the carbon fiber such as the graphite felt into a predetermined section and length, into a quartz glass tube, a particle structure on a side face, formed more unevenly over a particle structure on a plane by cutting a plane shape of the mineral carbon fiber into the predetermined section and length,
10 becomes a stable structure by a predetermined process, i.e., a heat treating process; and an arch discharge or a terminal secession produced between the carbon heater and a feeding terminal can be prevented by using superior metals in contraction strength or compression strength, in both ends of the heat-treated carbon heater.